See reverse side for additional information. Interagency Report 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

#### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

CUSTOMER NO. 51-R-0003

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

> **BIORELIANCE CORPORATION** 9630 MEDICAL CENTER DR ROCKVILLE, MD 20850 (301) 738-1000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See A Machine Listing

9630 Medical Center Drive, Bldg. 5 Rockville, Maryland 20850

A.  Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs		1073	2092		3165
7. Hamsters		243	1204		1447
8. Rabbits		1103			1103
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals	:				
13. Other Animals					
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during. and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

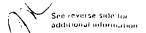
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED 11/20/01

- HEADQUARTERS

This report - required by law (7 USC 2143). Failure to report according to the regulations can er to cease and desist and to be subject to penalties as provided for in Section 2150



Interugency Reposition 27

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE I. REGISTRATION NOON

C05+01465 # &၁

FORM APPROVED OMB NO 0579 00 16

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA unclinde Zip Golffon Systems, Inc.

9610 Medical Center Drive

Suite 100 Rockville, MD 20850

Status: Active

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

FACILITY LOCATIONS (Siles) See Attached Discontinued Ownership 200

3 REPORTING FACILITY (List all locations where unimals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

4114 baither	Koaa		272 0	( )a ===================================	
Cartersour	3 March	<u>anu 20</u>	X /X / KDOMS	1-10 51-A-0007 PURSSILLY OF USB APHIS FORM 702(A)	
	<del></del>		T	<u> </u>	
A Annnais Covered By The Annnai Wellare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, festing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which feaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain, relieving drugs.	Number of animals upon which experiments, teaching research, surgery, or tests, were conclusted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analysis, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquitzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F TOTA, NO OF ANIMALS (COIS C + D + E)
4 Dogs					
5 Cais					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12 Other Farm Animals				·	
13. Other Animals					
Cotton Rats	995	0	34	0	1029
			· · · · · · · · · · · · · · · · · · ·		
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, freatment, and use of animals, including appropriate use of anisthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, in experimentation were followed by this research facility
- 2) Each principal investigator has considered atternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations he specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of ammul care and use

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  Legally Responsible (7 U.S.C. Section 2143)	
5		DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolute)

See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0008

CUSTOMER NO. 82

FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code) INSECT CONTROL & RESEARCH INC. 1330 DILLON HEIGHTS AVENUE

BALTIMORE, MD 21228 (410) 747-4500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

See Attached Listing

sheets if necessary.)

Insect Control & Research, Inc.

1330 Dillon Heights Ave, Balto., MD 21228

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropnate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats		4			4
6. Guinea Pigs					
7. Hamsters		_			
8. Rabbits		15			15
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					·
13. Other Animals				•	
			l		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsible Institutional official)	
Lertify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
	DATE SIGNED
	9/24/200



This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to ceese and desist and to be subject to penalties as provided for in Section 2150.

additional information

interagency Report Control No 0180-DOA-AN

4

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-R-0009

CUSTOMER NO. 83

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

11-30-2001 RCVD

include Zip Code) MEDIMMUNE, INC.

35 W. WATKINS MILL ROAD GAITHERSBURG, MD 20878 (301) 417-0770

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

sneets if necessary.)

FACILITY LOCATIONS(sies)

See Attached Listing

35 West Watkins Mill Rd

Continustora MD 20878

REPORT OF ANIMALS USED BY				ssary or use APHIS FORM 7023A )	
A. Animals Covered By The Animal Welfare Regulations	Number of animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, leaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F: TOTAL NO OF ANIMAL: (Cols. C + D +=E)
4. Dogs					
5. Cats					
6. Guinea Pigs		2			<del>ك</del>
7. Hamsters	46	<b>3</b>	253		301
8. Rabbits	36	7	57		100
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Cottai Rocts	50		960		1010
ASSURANCE STATEMENTS	<u></u>				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, pnor 'o duning. and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. addition to identifying the IACUC-approved exceptions, this summary includes a bnef explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	saperia of granta care and oper		
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
S		or Pnnt)	DATE SIGNED
		DARTI	LEADOLLABTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0011 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 SINAI HOSPITAL OF BALTIMORE, INC.

SINAI HOSPITAL OF BALTIMORE, IN HOFFBERGER #42 2401 W. BELVEDERE AVENUE BALTIMORE, MD 21215

(410) 578-5544

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

ANIMAL LAB GROUND FLOOR-RESEARCH

SURVICE RECEARCH 3RD FLOOR- RESTAUN

REPORT OF ANIMALS USED B	Y OR UNDER CONTROL O	F RESEARCH FACILITY	( F SFA (CH) (Attach additional sheets if nece.	ssary or use APHIS FORM 7023A )	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E)
4. Dogs	NONE	NONE	NONE	NONE	0
5. Cats	1/	11	4	ч	4
6. Guinea Pigs	1	ď	NONE	it	Ó
7. Hamsters	4	l/	Ŋ	ų	11
8. Rabbits	4	ti	41	(1	ti
9. Non-Human Primates	u	V	lı	ıl .	(/
10. Sheep	(ı	"	ч	II .	()
11. Pigs	4	4	u	11	l)
12. Other Farm Animals	U	"	1.	11	4
13. Other Animals	11				
ASSURANCE STATEMENTS					

/	<ol> <li>Professionally acceptable standards gov</li> </ol>	reming the care, treatme	ent, and use of animals	, including appropriate use of a	nesthetic, analgesic, and	tranquilizing drugs, prior t	to, during
	and following actual research, teaching,	testing, surgery, or expe	erimentation were follow	ved by this research facility.			

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DNAL OFFICIAL (Type or Print)

DATE SIGNED

**PART 1 - HEADQUARTERS** 

<sup>(2)</sup> Each principal investigator has considered alternatives to painful procedures.

<sup>3)</sup> This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

<sup>1</sup> The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0012

CUSTOMER NO. 86

FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 TOWSON UNIVERSITY
 8000 YORK RD

8000 YORK RD TOWSON, MD 21252 (410) 830-2236

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	   (Attach additional sheets if nece	ssary or use APHIS FORM 7023A )	
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic. or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	150	150			
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
:					
ASSURANCE STATEMENTS	· · · · · · · · · · · · · · · · · · ·				

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE C		DATE SIGNED
		12/20/0/
APHIS FORM		<b>ADQUARTERS</b>

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

51-R-0012

Customer Number:

86

Facility:

TOWSON UNIVERSITY

8000 YORK RD TOWSON, MD 21252 (410) 830-2236

TOWSON UNIVERSITY SMITH HALL TOWSON, MD 21204 Podesville

See Attached Listing

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150, See reverse side for

Interagency Report Control No 0130-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

additional information.

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 51-R-0016

include Zip Code)

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRIMITY 26-2001 RCVD

HENRY M. JACKSON FOUNDATION 1600 E. GUDE DRIVE

ROCKVILLE, MD 20850 (301) 251-5000

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

88

_		(301) 231-3000
3	<ol><li>REPORTING FACILITY (List all locations where animals were housed or used in actual research sheets if necessary.)</li></ol>	, testing, teaching, or experimentation, or held for these purposes. Attach additional
1_	Sneets in necessary.)	
	FACILITY LOCA	ATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments, experiments, research, surgery or tests were Animals Covered bred, which teaching. teaching, research. conducted involving accompanying pain or distress TOTAL NO. conditioned, or By The Animal research. surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C + experiments. conducted distress to the animals D + E) interpretation of the teaching, research, research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used purposes. relieving drugs. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected

4	4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.		
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
	(Chief Executive Officer or Legally Responsible Institutional official)		ŀ
	t certify that the above is true correct, and complete (7 LI S.C. Section 21/3)	<b>.</b>	
SI		П	DATE SIGNED
			10/31/01
ΔP		HE	ADQUARTERS

OAPI
51-R-0017
Covers Period
10/1/co to
12/31/co
(Cancelled)

2143). Failure to report according to the regulations can and to be subject to penalties as provided for in Section 2150

See reverse side for additional information.

" Oly

Interagency Report Control No 0180-DOA-AN

EPARTMENT OF AGRICULTURE I HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 51-R-0017 382

FORM APPROVED OMB NO: 0579-0036

OF RESEARCH FACILITY PE OR PRINTH 28-2001 RCVD HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

OTSUKA AMERICA PHARMACEUTICAL, INC.

9900 MEDICAL CENTER DRIVE ROCKVILLE, MD 20850 (301) 424-9055

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing
Maryland Research Laboratories

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		42	30		72
7. Hamsters					
8. Rabbits			46		46
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				-	
				İ	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY		
ł	(Chief Executive Officer or Legally Responsible Institutional	official)	
	I certify that the above is true, correct, and complete (7 U.S.C. Section	2143)	
5		Type or Print)	DATE SIGNED
1		7,750 0	
<b>-</b>			11/21/01
Ī I			
<u> </u>			
E .		PART 1	- HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

51-R-0018

89

FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF MARYLAND @ BALTIMORE 10 S. PINE ST. RM G-100 MSTF BLDG, UMAB

BALTIMORE, MD 21201 (410) 706-3540

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Medical School Teaching Facility

Bressler Research Building

Maryland Psychiatric Research Center

Health Sciences Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			25		25
5. Cats			0		0
6. Guinea Pigs	20		263		263
7. Hamsters			156		156
8. Rabbits			179		179
9. Non-Human Primates	5	88	133		221
10. Sheep			0		0
11. Pigs			0		0
12. Other Farm Animals			0		0
13. Other Animals			,		
Ferrets			11		11
Voles .	90	663	20		683
Gerbils			66		66

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY	HEADQUARTERS	RESEARCH FACILITY	Y OFFICIAL

SIG

DATE SIGNED

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150 See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-R-0019

CUSTOMER NO. FORM APPROVED OMB NO. 0579-0036

ANNUAL	<b>REPORT</b>	OF	RESEARCH	FA	CILITY

(TYPE OR PRINT)

396 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

GENETIC THERAPY INC. 9 WEST WATKINS MILL RD

GAITHERSBURG, MD 20878 (301) 258-4664 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

		<u>-</u>	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	B. Number of				,
A.  Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		7			7
7. Hamsters		<u> </u>			
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				·	
<i>:</i>					
ASSURANCE STATEMENTS					
4) Professionally appearable at	anderda ancomina the ear	a transmost and use of a	nimale isoludina accessiste use	of anesthetic analogsic and tranquilizing dougs prior to a	de carino de

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
(Chief Executive Officer or Legally Responsible Institutional official)		
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	_	
	pe or Print)	DATE SIGNED
		la de la l
		10/4/01

This report is required by law (7 USC 2143). Failure to report according to the regulations can 🐸 🌡 result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. "See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0020

CUSTOMER NO 90

FORM APPROVED OMB NO. 0579-0036

#### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

ALLIED HEALTH AN HUMAN PERFORMANCE 7201 ROS\$VILLE BLVD

BALTIMORE, MD 21237 (410) 522-1628

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

Veterinary Technolog

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	4	0	4
5. Cats	0	0	5	0	5
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	O	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

DATE SIGNED

THIS FURM /UZ3



See Attached Listing

#### All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0021

FORM APPROVED OMB NO 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

1 SIGHT- OR PRINTEND

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

AMERICAN RED CROSS 15601 CRABBS BRANCH WAY ROCKVILLE, MD 20855 (301) 738-0634

CUSTOMER NO.

533

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)
 FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A B. Number of C. Number of Number of animals upon E. Number of animals upon which teaching, animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, TOTAL NO. conducted involving accompanying pain or distress By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, D + E) conducted distress to the animals interpretation of the teaching, research, research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8 Rabbits 173 1035 1106 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

# Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures

**ASSURANCE STATEMENTS** 

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

51-R-0021

Customer Number:

533

Facility:

AMERICAN RED CROSS

15601 CRABBS BRANCH WAY

ROCKVILLE, MD 20855

(301) 738-0634

AMERICAN RED CROSS 15601 CRABBS BRANCH WAY ROCKVILLE, MD 20855 This report is required by low (7 USC 2143). Failure to report according to the regulations can लेक्द्रवीत के an order to capse and desist and to be subject to behaltes as provided for a Section 2150. See reverse sing for

Poteragency Hipport Canting 8

Poterugency Report Control No. 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REGISTRATION NO 25

#91

FORM APPROVED OMB NO 1579-1006

t. HEADOUARTERS RESEARCH FACILITY Name and Address, as ingistered with USDA include Jib Code:
University of Maryland College Par

Graduate Studies & Research

College Park Cambus
College Park, MD 20742

Status: Active

3. REPORTING FACILITY (List all locations where assimals were noused or used in actual research, lesting, reaching, or experimentation, or held for these purposes. Affach additional sheets in necessary.)

FACILITY LOCATIONS (Siles)

dee Attached

Aminals Covered By The Animal Weitare Regulations	B Number of primary personal primary personal pe	C Number of unimals abon which leading, research experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	O Number of animals adding which experiments feaching, research surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranguilizing grugs were used.	E. Number or unimals upon which reaching, were experiments, research surgery or rests were conquered involving accompanying bain or distress to the unimals and for which the use of appropriate unesthetic, analgesic, or tranquinzing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or less. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	FOTAL NO OF ANIMALS (COIS. C = D = E)
4. Dogs	0	0	0	0	00
5. Cats	0	0	0	0	0
5. Guinea Pigs	0	0	0	0	. 0
7 Hamsters	0	0	0	0	0
3. Rabbits	0	0	5	0	5
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11 Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	00
13. Other Animals					
••					

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including appropriate rise of unestnetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered afternatives to paintin procedures
- If This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Annual Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in audition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of annuals affected.
- 4) The attending vetermanum for this research facility has appropriate authority to ensure the provision of adequate veterinary cure and to oversee the adequacy of other aspects of animal cure and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY () FFICIAL (Chief Executive Officer or Legally Responsible Institutional () fficial)

let Executive Officer or Legally Responsible Institutional Offices

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATUR

DATE SIGNED

2/12/01

APHIS F

الريال(۵

Sae reverse side for additional information.

Interagency Report Control No. 3180-CCA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-J025 CUSTOMER NO. 91

(301) 405-4921

FORM APPROVED OMBING, 3579-3005

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USCA Include Lip Code)

UNIVERSITY OF MARYLAND COLLEGE PARK GRADUATE STUDIES & RESEARCH COLLEGE PARK CAMPUS COLLEGE PARK, MD 20742

REPORT OF ANIMALS USED BY	i 3. Number of	C. Number of	0. Number of animals upon	E. Number of animals upon which teaching,	
Animais Covered By The Animai Weifare Regulations	animals being ored. conditioned, or heid for use in leading, lesting, experiments, research, or surgery out not yet used for such ourdooses.	animals upon which leading, research, experiments, or lesis were conducted involving no pain. Bistress, or use of pain-relieving drugs.	which experiments, reaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	awaenments, research, surgerly or less were conducted involving accompanying pain or distress to the animals and for which the use of accromate anestheticlanaigesid, or franquilizing anugs would have adverticely affected the procedures, results, or interpretation of the reaching, research, excentency, surgery, or tests. An exclanation of the according pain or distress in these animals and the reasons auch drugs were not used must be affected to this report).	TOTAL NO OF ANIMAL (Cols. Col O = E)
Voles	652	904	358	С	1262
Ferrets	0	2	13	0	1.5
Naked Mole Ra	t 0	0	5	0	5_
Fruit Bats	0	5	0	0	5
Insectiv Bat	29	9	16	0	25
				· · · · · · · · · · · · · · · · · · ·	
				1	
		<u> </u>		; ;	
					<del></del>
			İ		
<u> </u>		<u> </u>		}	
				•	
:					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, prior to, buring, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each onnoipal investigator has considered alternatives to painful procedures.

(AUG 91)

- This facility is adhering to the standards and requiations under the Act, and it has required that exceptions to the standards and requiations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a onef exclanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of normal care and use.

assects of animal care and	156.	
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	
SIGNA		DATE SIGNED
		12/12/01
12116		HEADQUARTERS
APHIS		HEXE GOXIVIE.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE AT WAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0029 CUSTOMER NO. 476

FORM APPROVED OMB NO. 0579-0036

#### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)

See Attached Listing

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

NOVASCREEN BIOSCIENCES CORPORATION 7170 STANDARD DRIVE HANOVER, MD 21076 (410) 712-4411

REPORT OF ANIMALS USED BY	OR UNDER CONTROL C	F RESEARCH FACILITY	' (Attach additional sheets if nece	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		561			561
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
				Adams (1981) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984)	
13. Other Animals					
<u>.                                    </u>					
ASSURANCE STATEMENTS					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
(Type or Print)	DATE SIGNED
PART 1	1 - HEADQUARTERS

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

51-R-0029

Customer Number:

476

Facility:

NOVASCREEN BIOSCIENCES CORPORATION

7170 STANDARD DRIVE HANOVER, MD 21076

(410) 712-4411

OCEANIX BIOSCIENCES CORPORATION 7170 STANDARD DRIVE HANOVER, MD 21076

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0032 CUSTOMER NO. 92 FORM APPROVED OMB NO. 0579-0036

#### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT) 5-2001 RCVD

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BIOCON, INC. 15801 CRABBS BRANCH WAY ROCKVILLE, MD 20855 (301) 762-3202

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing
Laboratory Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relleving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, recearch, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		213			213
7. Hamsters					
8. Rabbits		326	Lo2		388
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					· · · · · · · · · · · · · · · · · · ·
13. Other Animals					
·.				i	

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIAL (Type or Pri	·"'   - ·	ATE SIGNED 11/30/01

See Attached Listing

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information Interagency Report Co

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

0180-DOA-AN

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) 10-23-2001 RCV

CUSTOMER NO. 51-R-0034 505

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

include Zip Code)

UNIVERSITY OF MARYLAND DENTAL SCHOOL 666 W. BALTIMORE ST. BALTIMORE, MD 21201 (410) 328-8537

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

BALTIMORE REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7025 B. Number of Number of Number of animals upon animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or research, OF ANIMALS surgery, or tests were to the animals and for which the use of appropriate conducted involving Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, conducted distress to the animals interpretation of the teaching, research, D + E) involving no research, or and for which appropriate experiments, surgery, or tests. (An explanation of pain, distress, or surgery but not anesthetic analgesic or the procedures producing pain or distress in these yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were relieving drugs must be attached to this report) อ 4. Dogs 0 5. Cats 0 6. Guinea Pigs 7. Hamsters 0 0 8. Rabbits 2 0 9. Non-Human Primates 10. Sheep 0 11. Pigs 0 12. Other Farm Animals () 13. Other Animals **ASSURANCE STATEMENTS** 

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attenting veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

٠,	aspects of animal care and use.		
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA (Chief Executive Officer or Legally Responsible Institutional official)		i
SIGN	N. Committee of the com		DATE SIGNED
			10/19/01
APH		- H	EADQUARTERS
(A			

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

0180-DOA-AN

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CUSTOMER NO. 51-R-0035

509

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

BIOLOGICAL RSCH FACULTY & FACILITY, INC. 10075-20 TYLER PL. IJAMSVILLE, MD 21754 (301) 831-8810

	FACILITY LOCATIONS(sites)	
See Attached Listing		•
Same		

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	0	2	0	0	2
7. Hamsters		<u> </u>			
8. Rabbits					
9. Non-Human Primates					,
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		· · · · · · · · · · · · · · · · · · ·			
·					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
ype or Print)	10/10/01

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

11-12 (TYPE OR PRINT)

1. REGISTRATION NO. CUSTOMER NO. 51-R-0036 93

OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

BIOQUAL, INC.

9600 MEDICAL CENTER DRIVE ROCKVILLE, MD 20850

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

9600 Medical Center Drive, Rockville, MD 20850-3336

2501 Research Boulevard, Rockville, MD 20850-3228

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0	898	0	• 0	898
9. Non-Human Primates	168	142	535	0	677
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals		,			
Hyraxes	0	10	0	0	10

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	•	
	Print)	DATE SIGNED
		11/5/01

PART 1 - HEADQUARTERS

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

PAS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

additional informatio

0180-DOA-AN

「ハン ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) DEC - 3 2001

1. **REGISTRATION NO. CUSTOMER NO.** 51-R-0038 94

94 FORM APPROVED OMB NO. 0579-036

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BIO WHITTAKER, INC. 8830 BIGGS FORD RD - M01 WALKERSVILLE, MD 21793 (301) 898-7025

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	21	0	21
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	6	0	6
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals					
Goats	1	24	0	0	24
13. Other Animals					<u></u>
Burros	2	4		-	4
•					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

 ·	
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
AL (Type or Print)	DATE SIGNED
The (1) po of 1 mily	1 1
	11/129/01

See reverse side for additional information.

Interagency Report Control 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. **51-R-0040** 

CUSTOMER NO. 521

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

PRIMEDICA CORPORATION 2 TAFT COURT ROCKVILLE, MD 20850

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional <a href="mailto:sheets-if-necessary.">sheets-if-necessary.</a>)

FACILITY LOCATIONS(sites)

See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cots. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			481		481
7. Hamsters		187			187
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

Date Signed |2 - 10 -2001

1 -HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

12-07-2001 RCVD

1. REGISTRATION NO. CUSTOMER NO. 51-R-0046 745

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BUTLER RESEARCH CENTER, INC. 4001 MILLENDER MILL ROAD REISTERSTOWN, MD 21136

(410) 356-6780

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing located at 4001 Millender Mill Road, Reisterstown, MD 21136

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	O	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	201	0	Z01
11. Pigs	0	0	60	0	60
90ATS 12. Other Farm Ankhals	0	Ø	97	0	97
CALVES	0	0	4	0	4
13. Other Animals					
,					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFIC	IAL
(Chief Executive Officer or Legally Responsible Institutional offici	ai)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-R-0047

CUSTOMER NO. 95

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

include Zip Code) ANMED/BIOSAFE, INC. 7642 STANDISH PLACE

ROCKVILLE, MD 20855 (301) 762-0366

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neld for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)						
See Attached Listing						
7642 Standish Place						
Rockville, MD 20855						

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	156	156	0	0	156
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
٠					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
(Chief Executive Officer or Legally Responsible Institutional official)		
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	_	
	int)	DATE SIGNED
	,	
		10/10/01
		10/10/01

This report is required by law (7 USC 2143), Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information. Interagency Report Control No 0180-DQA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-R-0050

FORM APPROVED

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

CTYPE OR PRINT) DEC 11 2001

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

CUSTOMER NO.

513

(301) 881-3300

BIOMEDICAL RESEARCH INSTITUTE 12111 PARKLAWN DRIVE ROCKVILLE, MD 20852

3. REPORTING FACILITY (List all locations where animats were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing Biomedical Research Institute

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

(same as above)

A.  Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of snimets upon which experiments, teaching, research, surgery, or tests were conducted involving eccompanying pain or distress to the animals and for which appropriate anesthetic, analysis, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	4				4
7. Hamsters	231				231
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					-,
13. Other Animals					
					7.4
•					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summery includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending vetarinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of entires care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	
SIGNA		DATE SIGNED
		12-7200
APHIS		ART 1 - HEADQUARTERS

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-R-0051

CUSTOMER NO. 96

FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

- DEC 20

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

include Zip Code) SPRING VALLEY LABORATORIES INC. 1500 FANNIE DORSEY RD

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

SYKESVILLE, MD 21784

FACILITY LOCATIONS(sites)							
See Attached Listing							
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	! (Attach additional sheets if nece:	ssary or use APHIS FORM 7023A )			
A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E, Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic.analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)		
4. Dogs							
5. Cats							
6. Guinea Pigs		58			58		
7. Hamsters							
8. Rabbits	419	454	19		892		
9. Non-Human Primates							
10. Sheep							
11. Pigs							
12. Other Farm Animals							
13. Other Animals							
Ferrets		54			54		
ASSURANCE STATEMENTS							

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.		
CERTIFICA	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Exe	cutive Officer or Legally Responsible Institutional official)	ļ
I certify t	hat the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIQUETURE OF OF OR OR WATER TO THE OFFICE OF OR OR OR OF OR OR OR OF OR OR OF OR OR OR OF OR OR OR OF OR OR OR OR OR OR OR OR OR OR OR OR OR	THE STATE OF SEA OF MOTITUTIONAL OFFICIAL (Tree of Original	DATE SIGNED

**APHIS FORM 7023** (AUG 91)

See reverse side for additional information Interagency Report Control No

0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

#### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

sheets if necessary.)

See Attached Listing

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

same as Headquarters Research Fad.

1. REGISTRATION NO. 51-R-0055

CUSTOMER NO. 740

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

SITEK CORPORATION 15235 SHADY GROVE ROAD SUITE 303

ROCKVILLE, MD 20850 (301) 926-4900 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

					_			
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)			
4. Dogs	0							
5. Cats	0							
6. Guinea Pigs	0							
7. Hamsters	0							
8. Rabbits	0							
9. Non-Human Primates	0							
10. Sheep	0							
11. Pigs	0							
12. Other Farm Animals	0							
13. Other Animals	0							
			,	1				

FACILITY LOCATIONS (sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
ve Officer or Legally Responsible Institutional official)	
ne above is true, correct, and complete (7 U.S.C. Section 2143)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	11-29-0)
	I BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official) ne above is true, correct, and complete (7 U.S.C. Section 2143)  I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

**ASSURANCE STATEMENTS** 

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

CUSTOMER NO.

FORM APPROVED

OMB NO. 0579-0036

51-R-0056 687

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

Intracel Corporation 1330 Piccard Avenue Rockville, MD 20850

# ANNUAL REPORT OF RESEARCH FACILITY

(TYP5982884T) RCVD

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO.  OF ANIMALS  (Cois. C •  D + E)
4. Dogs		,			
5. Cats					
6. Guinea Pigs	0	100	Ō	0	100
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep	·				
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
•					
ASSURANCE STATEMENTS					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a bnef explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.		
CERTIFICATI	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Exec	utive Officer or Legally Responsible Institutional official)	
I certify that	at the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/30/01

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

51-R-0056

Customer Number:

687

Facility:

Intracel Corporation

Intracel Corporation 1330 Piccard Drive Rockville, MD 20850

See reverse side for additional information

Interagency Report Control No 0180-DCA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-R-0057

CUSTOMER NO. 691

M(t)

FORM APPROVED OMB NO. 0579-0036

#### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

See Attached Listing

include Zip Code) OSIRIS THERAPEUTICS, INC. 2001 ALICEANNA STREET

BALTIMORE, MD 21231 (410) 522-5005

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A )	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	20	-0-	-0-	-0-	-0-
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Goats	-6-	-0-	-63	-0-	-63-
13. Other Animals					
·					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

(AUG 91)

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
ŀ	(Chief Executive Officer or Legally Responsible Institutional official)	
	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGN		DATE SIGNED
		11/30/01
		11/00/01
APHI		ADQUARTERS

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

51-R-0057

Customer Number:

691

Facility:

OSIRIS THERAPEUTICS, INC. 2001 ALICEANNA STREET BALTIMORE, MD 21231

(410) 522-5005

OSIRIS THERAPEUTICS, INC. 2001 ALICEANNA STREET BALTIMORE, MD 21231

TOM MORRIS, INC. 4001 MILLENDER MILL ROAD REISTERSTOWN, MD 21136

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

URE 1. **REGISTRATION NO.** 2VICE 51-R-0058

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

CUSTOMER NO. 1349

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

See Attached Listing

HEADQUARTERS RESEARCH FACILITY Name and Address, as registered with USDA. include Zip Code)
 STELLAR BIO SYSTEMS, INC.

9075 GUILFORD RD. COLUMBIA, MD 21046 (410) 381-8550

REPORT OF ANIMALS USED BY					
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, expenments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0		0	6	
5. Cats	0	0	0	0	C
6. Guinea Pigs	0	0	0	<i>C</i>	
7. Hamsters	0	0	0	C	0
8. Rabbits	0	0	0	0	0
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
SIG		12/13/0

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

LINITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-R-0059

CUSTOMER NO. 1636

FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

sheets if necessary.)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

-OT STADVANCED BIOSCIENCE LABS., INC. 5510 NICHOLSON LANE KENSINGTON, MD 20895

(301) 881-5600 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) D. Number of animals upon E. Number of animals upon which teaching, B. Number of C. Number of animals being experiments, research, surgery or tests were animals upon which experiments. Animals Covered conducted involving accompanying pain or distress TOTAL NO. bred which teaching, teaching, research, By The Animal OF ANIMALS conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate Welfare Regulations held for use in anesthetic, analgesic, or tranquilizing drugs would experiments, or conducted involving teaching, testing, have adversely affected the procedures, results, or (Cois. C+ accompanying pain or tests were experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no pain, distress, or experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these and for which appropriate surgery but not anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. used. relieving drugs must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

**FACILITY LOCATIONS**(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during. and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other spects of animal care and use

		CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
	•	(Chief Executive Officer or Legally Responsible Institutional official)		
		I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SI				DATE SIGNED
ΑF			E/	DQUARTERS

(AUG 91)

**ASSURANCE STATEMENTS** 

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

51-R-0059

Customer Number:

1636

Facility:

O T C /ADVANCED BIOSCIENCE LABS., INC.

5510 NICHOLSON LANE KENSINGTON, MD 20895

(301) 881-5600

ABL BIOCONTAINMENT FACILITY

1330 PICCARD DRIVE ROCKVILLE, MD 20850

(b)(6), (b)(7)c

FREDERICK, MD 21701

closed 11/2000

additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

CUSTOMER NO. 1647 51-R-0060

OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

UMBI ANIMAL CORE FACIL:TY MBCRF 1ST FL., SOUTH 725 W. LOMBARD ST. BALTIMORE, MD 21201 (410) 706-2754

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) See Attached Listing 12-03-2001 RCVD

A.  Animals Covered By The Animal Welfare Regulations	8. Number of animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs		4	36		40
5. Cats					
6. Guinea Pigs			23		23
7. Hamsters					
8. Rabbits	23	48	102		173
9. Non-Human Primates		8	60		68
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Rats	275	1200	500		1975
Mice	2000	750	300		3050
· .		,			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of arming care and use.		
(Chief Execut	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ive Officer or Legally Responsible Institutional official) the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL DEFICIÁL	I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11-29-01
		, ,

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0061 CUSTOMER NO. 1668

FORM APPROVED OMB NO. 0579-0036

#### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

HUMANI CENIOME SCIENCES, INC.

HUMANI CENIOME SCIENCES, INC.

HUMAN GENOME SCIENCES, INC. 9410 KEY WEST AVENUE ROCKVILLE, MD 20850 (301) 251-6023

<ol> <li>REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.)</li> </ol>	testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	TIONS(sites)
See Attached Listing	

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  O + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates		· · · · · · · · · · · · · · · · · · ·			
10. Sheep					
11. Pigs					
12. Other Farm Animals					<del> </del>
13. Other Animals					
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)  Legify that the above is true, correct, and complete (7.11.5.C. Section 2143)	
ONAL OFFICIAL (Type or Print)	DATE SIGNED
PART 1 - HE	ADQUARTERS

This report is required by law (? USC 21.43) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

Set reverse side for additionalinformation | 3 interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE . REGISTRATION NO . 51-R-006H

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

TherImmune Research Corporation 15 Firstfield Road Gaithersburg, MD 20878

#### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)					
		FA	CILITYLOCATIONS (Sites)		
					·····
			·		
REPORT OF ANIMALS USED BY C	R UNDER CONTROL O	F RESEARCH FACILIT	Y (Attach additional sheets if ne	cessary or use APHIS FORM 7023A)	<del></del>
A. Animals Covered By The Anima Weifare Regulations	B.Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E, Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research.	TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs	12	340	22	0	362
5. Cats					
6. Guinea Pigs	6	252	0	0	252
7. Hamsters					
8. Rabbits	0	379	0	0	379
9. Non-human Primates	0	140	6	0	146
10. Sheep					
11., Pigs					
12. Other Farm Animals					
13 Other Animals					
•					
ASSURANCE STATEMENTS					
1) Professionally acceptable stan	damle coverning the car	e treatment and use	of animals including appropriat	e use of anesthetic, analoesic, and tranquilizing drugs, original	or to during

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
	(Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true_correct_and complete (7.11.S.C. Section 2143)		
SIGNATURE		Print)	DATE SIGNED
			7 Dec 2001
APHIS FORM 7023	(Regisces VS FORM 18-23 (OCT 98) which is checlete		

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0071 CUSTOMER NO. 13391

FORM APPROVED OMB NO. 0579-0036

# NNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

OTSUKA MARYLAND RESEARCH INSTITUTE

MARYLAND RESEARCH LABORATORIES

MARYLAND RESEARCH LABORATORIES 9900 MEDICAL CENTER DRIVE ROCKVILLE, MD 20850 (123) 123-4567

3. REPORTING FACILITY	List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional
sheets if necessary.)	

FACILITY LOCATIONS(sites)

Maryland Research Laboratories

A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		77	116		193
7. Hamsters					
3. Rabbits			153		153
9. Non-Human Primates					
10. Sheep					
11. Pigs					
2. Other Farm Animals					
13. Other Animals					
,					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	aspects of animal care and use.					
		CERTIFICATION BY	HEADQUARTERS	RESEARCH FACILITY C	FFICIAL	
		(Chief Executive O	fficer or Legally Re	sponsible Institutional	official)	
į		Loogify that the abo	ove is true correct and	complete /7 U.S.C. Section 2	1431	
					L (Type or Print)	DATE SIGNED
						11/21/01
					PART 1	- HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0073 CUSTOMER NO. 12786

FORM APPROVED OMB NO. 0579-0036

#### **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

AVALON

19 FIRSTFIELD ROAD

19 FIRSTFIELD ROAD GAITHERSBURG, MD 20878 (301) 556-1369

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

19 First Field Rd GAthers burns 1
-----------------------------------

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F.  TOTAL NO.  OF ANIMALS  (Cols. C ◆  D ◆ E)
	purposes.	relieving drugs.	used.	must be attached to this report)	
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					<u></u>
9. Non-Human Primates					· · · · · · · · · · · · · · · · · · ·
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Γ	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
l	(Chief Executive Officer or Legally Responsible Institutional official)	
l	Leadify that the above is true, correct and complete (7 LISC Section 2143)	
S	(Type or Print)  DATE SIGNE  11/2/0	, <b>/</b>
A	PART 1 - HEADQUARTE	RS

This report is required by live (2.USC 21.44). Failure to report according to the religible uses con-result in an under to cease and ideast and to be architector productives as provided for in Section 2150.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

I. REGISTRATION NO-51-R-0075 FURM APPROVED OMB NO 0574 (10 in

2. MEADQUARTERS RESEARCH FACILITY (Name and Address, as registered and USDA metinte Zin CANY \_\_ =

Biosynexus, Inc. 96 10 medical center Drive Rockville, MD 20850

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

mutation or held for these purposes. Attach audi-miral FACILITY LOCATIONS (5444)

9119 Garther	Road				
Gaithersb	urs, MI				
REPORT OF ANIMALS USED BY O	A UNCER CONTROL OF	RESEARCH FACILITY	in the shrule humanishm nachAl	CUSSINY IN USE APPES FORM (DP.W.)	
Animals Covered By The Animal Welfare Regulations	Maintage of Jamitals bring lived, Constituting or hade for use in teaching interesting national control by the season, in the properties of the first paragraph of the first properties.	C Number of immedia update which tendenty in a paper sure of the control of tendenty in tendenty in tendenty in the tendenty i	D Minimizer of amounting region which dispersions its, legacine, expenses in Superiority, legacine, expenses in Superiority, experiority, exceptional and superiority of the superiority of the superiority of the superiority part for which unjuring part for which unjuring experiority, or transpositively designed.	E. Number of primate upon who handshing aspeciations, research, singley in tasts were conducted to the property of the mean conducted to the property of the mean to the property of the prope	(Cols C . D . E)
4 Dogs					
5 Cais					
6 Guinaa Pigs					
7 Hanisters					
8 Rabbits				,	
9 Non-human Primatos				·	
10. Sneep					
11 Pigs					
12 Other Farm Adumals					
13 Other Amenals			·		
Cotton Rats	350	633	0	0	633
•					
ASSURANCE STATEMENTS	,				

- Protestionally acceptable standarits governing the circle treatment, and use of enumy, including approximate use of enasthetic, analysists, and transporting drugs and to decide and tollowing actual research, facility, terpory, in experimentation were followed by this research facility
- 2). Buch principal investigator has considered alternatives to fundial princedines.
- If This tigurity is gibroring to the standards and regulations online the Act, and it has required that experients to the standards and regulations (in specific to principal in the standard of the specific to the specific to the specific to the specific to the specific to description of dentitying the tACUC approval exceptions, the summery technics alone applicated to the specific to the specifi
- 4) The attenting vetorication for this rescrict facility has appropriate authority to history the provision of adoptible vetoricary care and to oversion the adoptible vetoricary care and to oversion the adoptible of inter-assumptions and the adoptible vetoricary care and to oversion the adoptible vetoricary care.

CRITIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
Date	SIGNED
الما	14/01
	(Chief Executive Officer or Legally Responsible Institutional Official)

(AUG 91)

PARITA HEADOHARITON

15/14/5001 11:38 1740608108 NIBION SARLEMS